

Summary of Detections Above a Drinking Water Standard

GAMA Domestic Well Project – Tehama County Focus Area

Total Number of Wells Sampled: 223

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Compound	Number of Wells above Public Drinking Water Standards	Percentage	Ranges of detected values above Public Drinking Water Standards	Public Drinking Water Standards		
				MCL	SMCL	NL
Metals						
Arsenic	29	13%	10 - 25 µg/L	10 µg/L	--	--
Iron	31	14%	310 - 9700 µg/L	--	300 µg/L	--
Aluminum	6	2%	200 - 700 µg/L	1,000 µg/L	200 µg/L	--
Chromium	1	<1%	200 µg/L	50 µg/L	--	--
Manganese	19	8%	57 - 490 µg/L	--	50 µg/L	--
Lead	2	<1%	22 - 66 µg/L	--	--	15 µg/L
Nutrients						
Nitrate (NO ₃ ⁻)	2	<1%	49 - 60 mg/L	45 mg/L	--	--
Nitrite (N)	2	<1%	1.3 - 1.6 mg/L	1.0 mg/L		
Bacteria Indicators						
Total Coliform	56	25%	NA ³	Present	--	--
Fecal Coliform	3	1%	NA ³	Present	--	--

Notes:

1. CDPH Public Drinking Water Standards are used for comparison purposes only, since domestic well water quality is not regulated
2. µg/L = micrograms per liter, mg/L = milligrams per liter. A microgram is 1/1000th of a milligram.
3. Coliform are evaluated on a presence/absence criteria. No range can be determined.